E.—A BRIEF REPORT ON THE WORKING OF THE KOLAR GOLD FIELD POLICE FOR THE YEAR 1909-10.

(KINDLY COMMUNICATED BY MR. S. M. PRITCHARD, SUPERINTENDENT OF POLICE).

During the year under report I have been in charge of the Circle except for a period of absence on privilege leave from the 3rd May to the 6th June (both days inclusive), during which time Mr. C. Venkata Rao, Superintendent of Police, Kolar District, officiated for me.

There was no change in the constitution, except in the grade of Prosecuting Inspector, or armament of the force during the year.

Beats, Patrols and Co-operation of the Police with the Mines Watchmen.

The system of beats and patrols has worked satisfactorily with the aid of the Mines Watch Establishment under Mr. A. R. Jones, which continues to maintain a high state of efficiency.

ALLOCATION.

The subjoined statement gives the details of the force (Gold Field and Bowringpet Taluq) as it stood on the last day of the year and on the last day of the previous year.

Year.	Inspectors.	Head Constables.	Serjeants and Duffadars.	Constables.	Recruits.
1908-09	11	15	11	236*	10
1909-10	11	15	11	233	10

* And one Drill Instructor.

CRIME.

The appended statement shows the crime dealt with during the year 1909-10 on the Gold Field.

It will be noticed that there is an improvement in all percentages under the various heads, viz: convictions to true cases, persons convicted to, arrested and recovery of property as compared to last year, which is satisfactory.

There was one case of culpable homicide during the year against the same for the previous year.

There has been one case of dacoity and three cases of robbery as against two and six respectively for last year.

Under Sections 457 and 380 I.P.C. (House-breaking and Theft) there is also a large falling off, viz. 99 cases this year as compared to 137 last year, which is satisfactory and argues better preventive action, but the number of cases convicted still remains poor. The difficulty of bringing this class of case to detection on the Gold Field is largely due to the floating nature of the population.

Offences under Section 379 I.P.C. (Theft), are 258 as compared with 218 for last year. They were very well handled, as many as 63 per cent. ending in conviction and 65 per cent. of property being recovered.

Of offences under Section 411 I.P.C. (Receiving Stolen Property), there is a decrease of 19 cases the figures being 52 for this year as against 71 last year.

The cases of theft of Mining Materials (Receiving Stolen Property and Mines Regulation), amount to 105 with a recovery of property worth Rs. 2,722-2-4 against 112 cases with a recovery of property of Rs. 2,583-3-3. The number of persons convicted under these heads amount to 92 against 117 in the preceding year. To give some idea of the class of case under the Mining Regulation, the value of property in 53 cases was only Rs. 141-15-0. This is due to the vigilance of the Mines Watch Establishment and the increased preventive measures adopted by all the Companies on the Gold Field.

In the Detective Department the expenditure for the year was Rs. 11,862-3-4 against Rs. 12,527-3-8 in the previous year.

18 cases were taken up by this Department during the year of which 12 ended in conviction, 5 discharged or acquitted and one dropped, as against 28 cases, 24 convictions and 3 acquittals in the previous year. 31 persons were arrested of whom 17 were convicted, 13 acquitted or discharged and one dropped and property valued at Rs. 667-9-0 was recoverd.

There was a decrease both in the number of cases dealt with and detected and in the value of property. The only important cases in the Detective Department were (1) Theft of amalgam by an European ex-soldier named Peterson who was sentenced to three months' rigorous imprisonment and (2) The arrest of a jutka driver in the act of melting gold worth Rs. 400 who was sentenced to suffer one year's rigorous imprisonment.

One of the principal features of the year's work was the increased activity in working Section 17 of the Mysore Mines Regulation regarding undesirable characters. It is proposed to continue this action vigorously and a very perceptible decrease in crime should follow.

Grave Crimes of 'A' and 'B' Divisions for the year 1909-10.

Serial No.	SECTIONS OF LAW.	Cases.					Persons.			Property.							Remarks.
		Reported.	Disposed on B form or refused investigation.	Total true cases.	Convicted or detected.	Percentage of convictions to true cases.	Arrested.	Convicted.	Percentage of conviction to arrest.	Lost.			Recovered.			Percentage of recovery of property.	
										Rs	A.	P.	Rs.	A.	P.		
1	Murder, Sec. 302, I.P.C. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
2	Culpable Homicide	1	..	1	1	100	4	2	50%	..	..	..	..	..	..	..	
3	Dacoity, Sec. 395, I.P.C. ..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	
4	Robbery, Sec. 392, I.P.C. ..	5	2	3	..	..	5	..	..	169	0	0	112	0	0	66·2	
5	House-breaking and Theft, Secs. 454 and 380, I.P.C. ..	106	7	99	15	15·1	51	25	49·01	5,611	12	6	1,455	15	3	25·9	
6	Theft, Secs. 379 to 382, I.P.C.	267	9	258	161	63·4	256	201	78·5	4,495	13	10	2,939	7	1	65·3	
7	Receiving Stolen Property ..	52	..	52	39	74·6	62	46	74·1	2,639	13	7	2,580	3	4	97·7	
8	Mining Regulation ..	53	..	53	43	81·1	56	46	82·1	141	15	0	141	15	0	100	
9	Criminal Secs. of C.P.C. ..	4	..	4	3	75	22	9	40·9	..	..	..	..	..	..	..	
	Total for 1909-10 ..	489	18	471	262	55·6	456	329	72·1	13,058	6	11	7,229	8	8	55·3	
	Total for 1908-09 ..	507	27	480	248	51·6	515	319	61·9	16,419	2	0	8,076	5	6	49·1	
	Total for 1907-08 ..	524	61	463	177	38·2	527	236	44·7	15,802	6	0	4,740	13	5	28·09	

F.—SUMMARY OF THE WORK OF THE SANITARY BOARD, KOLAR GOLD FIELD, FOR THE YEAR 1909-10.

(KINDLY COMMUNICATED BY MR. P. F. BOWRING, VICE-PRESIDENT).

I. Personnel of the Board.

The Board consisted of six ex-officio and six non-official members at the commencement of the year, but on the appointment of a Health Officer to the Fields, the number of ex-officio members was raised to seven, with a corresponding increase in the non-official members.

II. Number of Meetings held.

Five ordinary meetings were convened during the year, and the average attendance of ex-officio and non-official members at each meeting was better, being 5 and 5 respectively against 5·3 and 3·8 in the preceding year.

III. Financial Position.

The year opened with a balance of Rs. 52,810. The receipts amounted to Rs. 71,986, while the expenditure, including a sum of Rs. 2,185 adjusted by the Comptroller towards the repayment of loan, aggregated Rs. 61,589, leaving a closing balance of Rs. 63,207 at the end of the year

IV. Mohatarfa.

The amount collected during the year was Rs. 14,744 against Rs. 9,922 of the previous year, when collections were small owing to scarcity.

V. Market Collections.

The receipts were Rs. 29,743 against Rs. 30,646 of the previous year or an apparent decrease of Rs. 903, due to "Rents from butcher stalls" being separated from this head, which on that account, showed an increase of Rs. 1,670 over the previous year's collections.

VI. Slaughter House Collections.

The Slaughter houses continued to be worked by departmental agency at a monthly cost of Rs. 115. The collections during the year were Rs. 10,871 against Rs. 11,431 of the preceding year.

VII. Expenditure.

The expenditure under all heads was Rs. 61,589 or Rs. 6,044 less than in the previous year, the largest decrease being under "A. Public works executed by the Public Works Department."

VIII. Public Works.

No new works—either Original or Repairs—were undertaken during the year.

A sum of Rs. 5,277 was expended during the year towards the actual pumping and maintenance charges of the Robertsonpet Water Supply, in pursuance of orders conveyed in Government Proceedings No. 584-7/ L.B. 1-10-2, dated the 20th July, 1910.

A sum of Rs. 1,289 was placed to the credit of the Sanitary Department for completing the drains in a block which had been omitted in the original estimate of the Robertsonpet Drainage Scheme.

The total outlays towards Public Works—Original and Repairs—executed by the Sanitary Board were Rs. 9,671 and Rs. 5,517 respectively against Rs. 11,165 and Rs. 5,374 respectively for the preceding year.

IX. Civil Charges.

Rs. 39,725 were expended under Civil Charges during the year, against Rs. 39,576 of the previous year, in spite of (i) increased horse allowance of Rs. 20 each to all the Sanitary Inspectors in lieu of the old scale of Rs. 10 each, (ii) grant of a similar horse allowance of Rs. 20 to the Chief Sanitary Inspector who was getting none before, and (iii) the general revision of the Conservancy establishment and increase of sixteen sweepers at Rs. 8 each and three mestries at Rs. 11 each per mensem. The salaries of the former twelve mestries were increased by Re. 1 each per mensem and all the Sanitary Inspectors were also given their increments as they accrued.

X. Cases preferred under Village Sanitation Rules.

Out of 24 persons placed before the Magistrate, 8 were discharged and 16 convicted, against 32 persons tried and 27 convicted in the previous year—the amount of fines levied being Rs. 71 against Rs. 76 of the previous year.

XI. Vaccination.

The two temporary vaccinators maintained by the Board were kept on during the year in addition to the two permanent men, and the number of persons vaccinated by the four vaccinators was 17,636 against 16,248 in the previous year.

On a representation by the Board, that compulsory vaccination be introduced as a permanent measure in the area under the control of the Board, the Government have since declared in their Notification No. 1436/ San: 193-09-5, dated the 11th August 1910, that vaccination shall be compulsory within the Sanitary Board area for a period of five years from the date of the notification.

The mortality from smallpox was 39 against 25 in the previous year, due to some extent to a sharp outbreak in Stevens' Camp, where, at the commencement, several cases remained undetected. But an epidemic was averted by adoption of prompt and stringent measures.

XII. Vital Statistics.

There were in all 2,357 births against 1,954 deaths, while the corresponding figures for the previous year were 1,690 and 1,666 respectively, the great variations, in spite of the absence of any epidemic, being due to more accurate registration and better maintenance of the records connected with this subject.

XIII. Water Supply.

Continuous supply of Bethamangala water was provided for the residents of Robertsonpet, consequent on the filling of the Bethamangala Water Supply Reservoir.

In the villages, the main source of water supply is still from wells and three more new wells were sunk while four old ones were deepened, besides effecting some petty repairs to a few others.

XIV. Lighting.

The Kolar Gold Field Main Road was lit with electricity and the lamps kept burning every night from 7 p.m. to 1 a.m., the actual cost thereof together with establishment and sundry other charges amounting to Rs. 962 for the whole year. Robertsonpet, Oorgaum village and the adjoining Cooly Colonies were, as hitherto, lit with kerosene lamps.

XV. Conservancy.

The conservancy of the villages as well as of the Cooly Colonies was attended to by the Board's Sanitary Staff, while that of the Mining area was, as hitherto, under the management of the Mining authorities under the efficient control of the Chief Medical Officer of the Mines.

XVI. Public Health.

Public health was generally good throughout the year, except for the few cases of small-pox, already referred to, at Stevens' Camp in January and February last.

For the first time within the past decade, there was happily perfect freedom from Plague and Cholera, while "Food Enteritis" was limited only to a few isolated cases.

XVII. General Remarks.

There was a small outbreak of anthrax among the cattle at Nundydroog in February last, and several cases of sheep pox occurred in the villages of Chinkote and Ajjampalli. There were also a few sporadic cases of Rinderpest during the year, but all these were arrested in their progress by timely precautions and the prompt visits of the Inspector of Cattle Diseases to the Fields with two of his assistants.

The draft bye-laws for the management of the Slaughter Houses and maintaining the Sanitation of the Robertsonpet Market, submitted to Government, were sanctioned and published on the 14th May, 1910, as rules framed by Government under the Mysore Mines Regulation IV of 1906.

In conclusion, it may be said that in all respects the year under report has been a favourable one.

R. BOCQUET,

Offg. Chief Inspector of Mines in Mysore.

STATEMENT OF CAPITAL EMPLOYED, &c., IN GOLD MINES WORKING

1908

NAME OF MINING COMPANY.	Nominal Capital. £ Stg.	Shares. Number issued.	Shares. Par Value. Shillings.	Shares. December Prices.		Paid-up Capital. Per Share. Shillings.	Paid-up Capital. Total. £ Stg.	Dividends Paid. Amount. £ Stg.	Dividends Paid. Percentage of Paid-up Capital.	Value of Bullion Produced. £ Stg.	Royalty paid to Government. £ Stg.	Nominal Capital. £ Stg.
A.												
DIVIDEND PAYING.												
The Mysore Gold Mining Company, Limited	305,000	610,000	10	4 11/16	4 13/16	10	305,000-0-0	350,055-12-0	115	848,145-13-7	42,016-11- 1	305,000
The Champion Reef Gold Mining Company of India, Limited ..	260,000	2,080,000	2/6	6/	6/6	2/6	260,000-0-0	(b) 52,000- 0-0	20	458,481- 5-3	22,714- 8- 2	260,000
The Ooregum Gold Mining Company of India, Limited ..	Ord. 290,000	481,544	10	13/6	14/6	10	240,772-0-0	54,173-14-0	22½	329,317-17-8	16,319- 8- 5	Ord. 290,000
	Pref. 120,000	240,000	10	1 1/32	1 3/32	10	120,000-0-0	39,000- 0-0	32½			Pref. 120,000
The Nundydroog Company, Limited	283,000	566,000	10	25/6	26/6	10	283,000-0-0	87,258- 6-8	30⅘	(c) 303,884- 3-5	15,076-13-10	283,000
Total ..	1,258,000	3,977,544	..	..	..	..	1,208,772-0-0	582,487-12-8	48·19	1,939,828-19-11	96,127- 1- 6	1,258,000
Increase for 1909 ..												..
Decrease for 1909 ..												..
B.												
PRODUCING GOLD BUT NOT PAYING DIVIDENDS.												
The Balaghat Gold Mining Company, Limited	Ord. 212,600	212,600	20	4/9	5/3	20	212,600- 0-0	..	..	107,250- 5-2	5,312- 2- 9	Ord. 212,600
	Pref. 95,400	95,400	20	1 1/16	1 3/16	20	95,400- 0-0					Pref. 95,400
The Mysore West Gold Company, Limited	150,000	130,461	20	/6	1/-	19	124,033-19-0	..	..	(e) 4,388-19-2	(f) 127- 6- 7	150,000
The Mysore Wynaad Gold Company, Limited	150,000	130,876	20	/6	1/-	19	124,851- 1-0	..	..	(e) 4,388-19-2	(f) 127- 6- 7	150,000
Total ..	608,000	569,337	..	..	..	..	556,885- 0-0	..	..	116,028- 3-6	5,566-15-11	608,000
Increase for 1909 ..												..
Decrease for 1909 ..												..
C.												
WORKING BUT NOT PRODUCING GOLD.												
The New Kempinkote Gold Field, Limited (h)	240,000	960,000	5	/3	/6	5	240,000-0-0	..	..	..	..	240,000
The Shimoga Gold Fields, Limited (i)	60,000	60,000	20	..	..	10	30,000-0-0	..	..	..	..	100,000
The Nanjangud Gold Field, Limited (k)	20,000	22,614	13/4	..	..	13/4	15,076-0-0	..	..	..	..	20,000
Total ..	320,000	1,042,614	..	..	..	..	285,076-0-0	..	..	..	..	360,000
Total of A, B & C	2,186,000	5,589,495	..	..	..	..	2,050,733 0-0	582,487-12-8	28·40	2,055,857-3-5	101,693-17-5	2,226,000
Increase for 1909 ..												40,000
Decrease for 1909 ..												..

N THE STATE OF MYSORE FOR THE YEARS 1908 AND 1909.

Table I.

1909

Shares.				Paid-up Capital.		Dividends Paid.		Value of Bullion Produced. £ Stg.	Royalty paid to Government. £ Stg.	Total Dividends paid up to date. £ Stg.	REMARKS.
Number issued.	Par Value. Shillings.	December Prices.		Per Share. Shillings.	Total. £ Stg.	Amount. £ Stg.	Percentage of Paid-up Capital				
610,000	10	$5\frac{3}{16}$	$5\frac{5}{16}$	10	305,000-0-0	350,750- 0-0	115	894,834-12-11	44,341-19-10	(a) 5,935,094- 2- 2	(a) In addition this Company paid as dividends in 1889 a sum of £87,500, being the realization by sale of property to the Champion Reef Company.
2,080,000	2/6	9/3	10/3	2/6	260,000-0-0	(b) 52,000- 0-0	20	432,551- 6- 1	21,430-18- 6	3,585,633- 1-10	(b) Dividends are for the year ending 30th September.
481,544	10	20/6	21/6	10	240,772-0-0	72,231-12-0	30	349,012- 4- 8	17,293-14- 5	1,715,355-12- 6	
240,000	10	$1\frac{3}{8}$	$1\frac{7}{16}$	10	120,000-0-0	48,000- 0-0	40				
566,000	10	27/-	28/-	10	283,000-0-0	113,200- 0-0	40	326,470- 4-10	16,198- 4- 9	(d) 1,540,535- 1- 6	(c) Includes a sum of £66-1-8 value of gold obtained from trial crushings of ore from Ajjanhalli Mine belonging to Indian Mines Syndicate, Ld., and worked by the Nundydroog Co., under an option agreement, and also a sum of £10-9-7 received from Kolar Gold Field Mining Board. (d) Includes £140,652-19-10 paid by the Nundydroog Gold Mining Co., Ld.
3,977,541	..	..	..	..	1,208,772-0-0	636,181-12-0	52·63	2,002,868- 8- 6	99,264-17- 6	12,776,617-18- 0	
..	..	..	..	..	..	53,693-19-4	4·44	63,039- 8- 7	3,137-16- 0	..	
..	..	..	..	..	..	..	..	..	..	..	
212,600	20	4/6	5/6	20	212,600- 0-0	..	..	81,028- 8- 0	4,013-12-4	227,800- 6-3	
95,400	20	$\frac{5}{16}$	$\frac{7}{16}$	20	95,400- 0-0						
130,461	20	1/3	1/9	19	124,033-19-0	..	..	(g) 4,140- 4- $3\frac{1}{2}$	..	9,784-11-6	(e) Includes £ 26-4-2, proceeds from slags.
130,876	20	/6	1/-	19	124,851- 1-0	..	..	(g) 4,140- 4- $3\frac{1}{2}$	..	9,815-14-0	(f) This amount is only for the first six months of 1908.
											(g) These Companies obtained on 14th October 1908 a fresh Mining Lease under th Rules of March 1904, and under these Rules no royalty is payable to Goverr ment so long as the mining operations do not result in net profits to th Company.
569,337	..	..	..	..	556,885- 0-0	..	..	89,308-16- 7	4,013-12-4	247,400-11-9	
..	..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	..	..	..	26,719- 6-11	1,553- 3-7	..	
960,000	5	/$11\frac{1}{2}$	/$4\frac{1}{2}$	5	240,000- 0- 0	..	..	..	..	..	(h) Particulars furnished for 12 months ending 30th September.
57,515	20	..	..	20	(j) 55,088- 8- 7	..	..	..	..	..	(i) This Company was changed into "The New Shimoga Gold Fields, Ld.", and w formed into an English Co. during 1909. (j) Including £2426-11-5 calls in arre
24,217	13/4	..	..	13/4	16,144-13- 4	..	..	..	..	..	(k) This is an Indian Company and the shares are in Indian currency. For co venience the figures are converted into sterling.
1,041,732	..	..	..	..	311,233- 1-11	..	..	..	..	..	
5,588,613	..	..	..	..	2,076,890- 1-11	636,181-12-0	30·63	2,092,177-5-1	103,278- 9-10	* 13,054,681- 1-8	* Including £30,662-11-11 dividends paid by the Coromandel Gold Mining Co. India, Ld.
..	..	..	..	..	26,157- 1-11	53,693-19-4	2·23	36,320-1-8	1,584-12- 5	636,181-12-0	
882	..	..	..	..	..	..	..	..	..	..	

MAC

IN USE AT THE MINES IN THE

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NAME AND SITUATION OF MINE.	STEAM POWER.																							
	Boilers.						Steam Engines.																	Ine
	Number.		Aggregate area and Capacity (of those in use).				Winding and Hauling.		Pumping.		Crushing.		Air Compression.		Locomotives.		For other purposes.		Total Maximum H. P.					
	Total.	In use.	Grate Area. Sq. Feet.	Heating Surface. Sq. Feet.	Maximum Evaporative Capacity. Gallons Per Hour.	Actual Evaporation. Gallons Per Hour.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.						Number.
. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	84	30	633·45	23,362·32	13,155·00	6,565·00	12	3,880	7	..	1	40	6	1,510	3	80	6	515	6,025					1,386
1. The Champion Reef Gold Mine, do. do. ..	26	17	552·00	14,453·00	8,379·00	4,222·00	7	3,744	2	..	..	..	2	..	..	..	5	727	4,471					1,275
3. The Ooregum Gold Mine, do. do. ..	71	21	862·50	19,581·90	..	..	6	1,289	5	..	..	..	1	..	..	..	2	250	1,539					771
4. The Nundydroog Gold Mine, do. do. ..	(a)39	16	365·00	7,799·00	..	..	(b)5	2,265	2	..	..	..	..	..	..	..	1	20	2,285					509
5. The Tank Block Gold Mine, do. do. ..	(c)16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..					14
6. The Balaghat Gold Mine, do. do. ..	16	9	273·99	6,375·76	927·00	411·50	3	233	1	..	..	..	..	..	..	..	..	..	233					475
7. The East Betrayaswami Mine, do. do. ..	1	1	30·00	112·00	..	..	1	20	1	..	..	..	..	..	..	..	..	..	40					..
8. The Nanjangud Gold Field, Ld., Nanjangud Taluk, Mysore Dt. ..	2	..	.	..	..	..	(e)1	..	(e)1	..	..	..	(e)1	..	..	..	1	40	40					..
9. The New Shimoga Gold Fields, Ld., Shimoga Taluk, Shimoga District ..	3	3	..	..	..	..	2	36	3	..	..	..	..	..	..	..	..	..	36					..
Total ..	258	97	2,716·94	71,683·98	22,461·00	11,198·50	37	11,467	22	..	1	40	10	1,510	3	80	15	1,552	14,669					4,430
Total for 1908 ..	282	108	3,001·85	80,389·63	..	..	43	..	29	..	4	..	16	..	13	..	15	..	..					4,310

Boiler

TYPE OF BOILER.	Number.	
	Total.	In use.
Cornish	127	37
Lancashire	99	45
Multitubular	5	2
Vertical	13	9
Locomotive	3	2
Galloway	11	2
Clayton and Shuttleworth	..	..
Total ..	258	97
Total for 1908 ..	282	108

INERY AND PLANT

STATE OF MYSORE DURING THE YEAR 1909.

ECIFICATION No. 1.

ELECTRICITY.														
LAMPS.			MOTORS.											
			Cauvery Power.							Kolar Mines Power.				
			Induction.			Synchronous.				Induction.				
descent. Total Candle Power.	Arc. Number.	Arc. Total Candle Power.	Number.	Rating in H. P.	What used for.	Number.	Rating in H. P.	What used for.	Total Rating in H. P.	Number.	Rating in H. P.	What used for.	Total Units utilized. K. W. Hours.	
24,516	20	10,000	10	2,229	5 Driving Air-Compressors. 4 Driving Mills. 1 Driving Mill Hoist.	1	300	1 Driving Air-Compressor ..	2,529	14	704	2 Driving Mill Hoists. 1 Driving Fitting Shop. 3 Driving Circular Saws, &c. 1 Driving Sample Ore Grinder. 3 Driving Pumps. 1 Driving Winding Engine. 1 Driving Blower. 1 Driving Conveyor Belt. 1 Driving Metallurgical Establishment.	1,275,732	
20,400	33	66,000	12	2,200	6 Driving Air-Compressors. 4 Driving Mills. 1 Driving Ventilation. 1 Driving Induced Draught.	..	..	....	2,200	12	672	1 Driving Stone Crusher. 2 Driving Pumps. 1 Driving Saw Mill. 2 Driving Cyanide Works. 1 Driving Otto Ropeway. 3 Driving Hoists. 1 Driving Fitting Shop. 1 Driving Assay House.	927,245	
12,336	3	3,000	14	1,004	1 Driving Air-Compressor. 2 Driving Mills. 1 Driving Picking Floor. 1 Driving Saw Mill. 1 Driving Fitting Shop. 1 Driving Ropeway. 1 Driving Cyanide Works. 4 Driving Pumps. 2 Driving Fans.	1	282	1 Driving Air-Compressor ..	1,286	3	700	2 Driving Hoists. 1 Driving Oil Circulation.	282,530	
8,144	5	2,500	11	1,025	4 Driving Air-Compressors. 2 Driving Mills. 1 Driving Pumps.	1	378	1 Driving Air-Compressor ..	1,403	8	540	4 Driving Hoists. 1 Driving Stone Breaker. 1 Driving Fitting Shop. 1 Driving Circular Saw. 1 Driving Mill Return Pump.	305,629	
224	..	..	(d)3	270	1 Driving Air-Compressor. 1 Driving Fitting Shop. 1 Driving Cyanide Pumps & Hoists.	..	..	....	270	..	..	....	..	
7,804	..	..	12	737	3 Driving Air-Compressors. 8 Driving Pumps. 1 Driving Mill.	..	..	....	737	4	82	1 Driving Fitting Shop. 1 Driving Saw Mill. 1 Driving Stone Breaker. 1 Driving Cyanide Works.	137,963	
..	..	..	..	..	....	..	..	....	..	..	..	....	..	
..	..	..	..	..	....	..	..	....	..	..	..	....	..	
..	..	..	..	..	....	..	..	....	..	..	..	....	..	
73,464	61	81,500	62	7,465	....	3	960	....	8,425	41	2,698	....	2,929,099	
68,960	67	110,000	..	..	....	..	..	....	..	..	..	....	..	

s classed according to Type.

AGGREGATE AREA AND CAPACITY (of those in use).			
Grate Area, Sq. Feet.	Heating Surface, Sq. Feet.	Maximum Evaporative Capacity, Gallons Per Hour.	Actual Evaporation, Gallons Per Hour.
907·45	18,055·98	2,183·00	913·00
1,547·49	48,253·00	18,670·00	9,682·50
32·00	785·50	339·00	168·00
102·50	1,518·50	117·00	33·00
62·50	1,395·00	657·00	282·00
65·00	1,676·00	495·00	120·00
..	..	..	..
2,716·94	71,683·98	22,461·00	11,198·50
3,001·85	80,389·63	..	..

MINING MACH

NAME AND SITUATION OF MINE.	Winding Engines and Hoists.																		Steam.	
	Surface.						Underground						Miscellaneous.							
	Steam.		Electric.		Compressed Air.		Steam.		Electric.		Compressed Air.		Steam.		Electric.		Compressed Air.			
	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum H. P.	Number.	Maximum capacity in gallons per hour.
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	12	3,880	1	350	1	10	..	..	..	..	15	230	..	..	3	36	..	..	(a)57	200,058
2. The Champion Reef Gold Mine, do. do. ..	7	3,744	1	350	..	..	..	..	..	..	8	235	..	..	2	30	..	..	5	42,386
3. The Ooregum Gold Mine, do. do. ..	6	1,289	1	350	..	..	..	..	1	350	10	360	2	90	..	..	1	7	27	80,855
4. The Nundydroog Gold Mine, do. do. ..	(d)6	2,265	1	350	..	..	..	..	..	..	9	—	..	..	3	55	..	..	(e) 12	47,800
5. The Tank Block Gold Mine, do. do. ..	(g)—	—	..	..	..	..	..	..	..	..	..	..	..	..	2	—	..	..	(g) —	—
6. The Balaghat Gold Mine, do. do. ..	3	233	..	..	..	..	..	..	..	..	3	36	..	..	..	..	..	..	1	24,000
7. The East Betrayaswamy Block, do. do. ..	1	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	10,000
8. The Nanjangud Gold Field, Ld., Nanjangud Tk., Mysore Dt. ..	(j) 1	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	(j) 1	4,000
9. The New Shimoga Gold Fields, Ld., Shimoga Tk., Shimoga Dt. ..	2	36	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	5,250
Total ..	38	11,477	4	1,400	1	10	..	..	1	350	45	861	2	90	10	121	1	7	107	414,349
Total for 1908 ..	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—	*	—

MACHINERY AND PLANT

MINES IN THE STATE OF MYSORE DURING THE YEAR 1909.

Table 3.

SPECIFICATION No. 2.

INERY.																															
PUMPING ENGINES AND PUMPS.							AIR COMPRESSORS.					ROCK DRILLS.			REDUCING MACHINERY AND TAILINGS PLANT.												CYANIDING.			REMARKS.
	Electric.			Compressed Air.			Steam.		Electric.			Average Number in use.			ORE FEEDERS.		CRUSHING, GRINDING AND AMALGAMATING.														
																	Rock-breakers.		Stamps.					Screens.							
Average quantity of water pumped. Gallons per hour.	Number.	Maximum capacity in gallons per hour.	Average quantity of water pumped. Gallons per hour.	Number.	Maximum capacity in gallons per hour.	Average quantity of water pumped. Gallons per hour.	Number.	Average quantity of free air delivered per minute. Cubic feet.	Number.	Average quantity of free air delivered per minute. Cubic feet.	Average air pressure in receiver.	Stoping.	Development.	Approximate quantity of free air consumed per minute.	Number.	Type.	Number.	Type.	Number.	Weight in lbs. of each head.	Number of drop per minute.	Height of drop in inches.	Depth of discharge in inches.	Kind of Screen.	Number of holes per sq. inch.	Number of Vats.	Total Capacity of Vats. Tons.	Total Capacity of Plant for 24 hours. Tons.	
											lbs. per sq. in.			Cubic feet.																
84,318	(b) 3	107,816	49,467	63	82,252	23,368	5	7,292	6	12,272	50	42·15	103·75	18,967	42	Hoscur.	6	Blake Marsden.	210	1,150	95	7	4	Woven Wire.	1,200	16	2,979	745	(a) Including 5 spare pumps ; (b) including 1 spare pump.
17,990	4	63,093	47,500	41	89,350	12,500	2	1,800	5	9,992	57	25·00	60·00	11,050	31	Challenge.	4	Do.	170	1,250	96	8	4	Do.	1,200	(c)38	4,200	865	(c) 20 steel and 18 wood.
33,576	6	35,400	33,600	24	156,000	4,400	1	2,000	2	5,250	55	..	46·00	5,014	24	Do.	4	2 Do. 2 Gates.	120	1,325	96	8	3	Do.	1,000	8	1,716	429	
23,800	5	45,000	9,000	8	32,000	14,190	..	..	5	6,194	55	..	27·00	3,780	18	Hoscur.	3	Blake Marsden.	90	900	90	7	2	Punched Copper.	No. 6 Needle.	(f)12	907	302	(d) Including 1 not in service rented from Tank Mine. (e) Includes 1 rented from Tank Mine. (f) 6 steel, and 6 wood.
—	3	6,000	762	..	..	..	..	..	(g)—	—	—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	336	93	(g) 1 rented to Nundydroog Co.
12,000	11	14,000	13,000	..	..	..	..	..	3	2,987	60	0·14	12·66	2,484	6	Hoscur.	3	Blake Marsden.	30	1,050	96	8	2	Punched Copper and Woven Wire.	No. 6 and 7 Needle 900	(h)9	612	204	(h) Consists of 6 wood and 3 steel.
2,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
2,000	..	..	..	..	..	..	(j) 1	220	..	..	60	..	(j) 6·00	—	1	Challenge.	1	Blake Marsden.	5	1,260	92	7	6	Woven Wire.	1,296	..	..	..	(j) Not in use.
2,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
177,684	32	271,309	153,329	136	359,602	54,458	9	11,312	21	36,695	56	67·29	256·41	41,295	125	..	21	..	625	6,935	94·17	7·50	3·50	..	..	86	10,750	2,638	
—	*	—	—	*	—	—	*	—	*	—	—	*	*	..	128	..	22	..	640	6,860	93·40	7·60	3·20	..	..	86	10,750	2,668	*Detailed figures not available.

STATEMENT OF WORK DONE AND NUMBER OF PERSONS EMPLOYED

AT MINES WORKING IN THE STATE OF MYSORE DURING THE YEAR 1909.

Table 4.

No.	NAME AND SITUATION OF MINE.	MINING.				MATERIAL TREATED.							PERSONS EMPLOYED.												REMARKS.
						ORE.					TAILINGS.		BELOW GROUND.					ON SURFACE.								
									Milling and Amalgamating.										Natives.							
		Feet driven.	Shaft sunk (feet).	Stoping (cubic fathoms).	Total material excavated (tons).	Raised to surface (tons).	Percentage sorted out as waste.	Ore obtained (tons).	Crushed by stamps.	Crushed per stamp per 24 hours.	Treated by cyanide (tons).	Aggregate amount treated in mills and tailings process (tons).	Europeans.	Eurasians.	Natives.	Total.	Tons excavated per man per annum.	Europeans.	Eurasians.	Males.	Females.	Children under 12 years.	Total.	Tons handled per man per annum.	Total number of persons employed below ground and on surface.	
1.	The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	32,316·60	1,053·00	12,381·25	362,826·24	331,223·20	20·71	262,640·00	262,640·00	3·78	213,281·65	475,874·56	117	28	5,781	5,926	61·23	74	62	3,111	340	194	3,781	125·86	9,707	
2.	The Champion Reef Gold Mine, do. do. ..	14,840·50	1,552·50	10,817·00	311,572·80	235,120·48	17·70	193,493·44	193,493·44	3·81	(a)279,929·33	473,422·77	82	14	3,775	3,871	80·49	67	79	2,586	380	40	3,152	150·20	7,023	(a) Including 36,541·12 tons of slimes.
3.	The Ooregum Gold Mine, do. do. ..	14,868·50	964·00	6,071·02	180,449·32	173,009·76	16·57	144,342·24	140,390·88	4·87	(b)135,875·04	276,265·92	47	17	3,280	3,344	53·96	53	45	1,277	121	..	1,496	184·67	4,840	(b) Including 7,357·28 tons of slimes.
4.	The Nundydroog Gold Mine, do. do. ..	9,190·00	720·50	4,813·80	131,999·48	113,672·16	12·22	99,783·04	(c)100,912·00	3·65	94,348·80	195,260·80	31	34	2,721	2,786	47·38	33	48	1,153	284	..	1,518	128·63	4,304	(c) Including 1,128·96 tons stocked previously on surface.
5.	The Tank Block Gold Mine, do. do. ..	..	..	..	..	..	..	..	..	..	33,761·28	33,761·28	..	..	..	..	..	8	7	141	25	3	184	183·49	184	
6.	The Balaghat Gold Mine, do. do. ..	7,136·25	46·00	2,499·05	72,631·50	52,718·05	20·65	41,832·00	41,832·00	3·88	61,232·64	103,064·64	11	6	1,362	1,379	52·67	18	9	566	97	20	710	115·16	2,089	
7.	The East Betrayaswami Block, do. do. ..	730·00	118·00	150·00	36,288·00	3,651·20	33·74	2,419·20	..	..	..	..	8	2	170	180	(d) 201·60	2	2	250	80	..	334	..	514	(d) Includes Materials excavated from old workings.
8.	Mr. Ahmed's Block, Bowringpet Taluk, Kolar District ..	..	..	..	..	..	..	..	..	..	..	..	..	..	41	41	..	..	..	..	..	..	..	..	41	
9.	The Nanjangud Gold Field, Ld., Nanjangud Tk., Mysore Dt. ..	..	..	5·00	89·60	89·60	..	89·60	89·60	..	..	89·60	1	..	11	12	7·47	..	..	5	..	..	5	17·92	17	
10.	The New Shimoga Gold Fields, Ld., Shimoga Tk., Shimoga Dt.	363·00	117·00	..	1,431·81	1,431·81	29·27	1,012·48	..	..	..	..	2	1	70	37	19·61	2	3	68	6	2	81	..	154	
11.	The Workington Iron and Steel Co., Ld., Shimoga, Shikarpur and Honnali Taluks, Shimoga District	..	..	..	..	..	.	19,891·00	..	..	..	..	..	..	..	..	..	6	30	374	192	32	634	..	634	Manganese.
12.	The Peninsular Minerals Co. of Mysore, Ld. (Blocks in Tumkur and Chitaldrug Districts)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
13.	The Bombay Mining Syndicate, Seringapatam and Mandya Taluks, Mysore District	130·00	107·00	8·90	32,374·72	2·24	91·57	0·13	..	..	..	..	..	..	..	..	..	1	1	40	15	5	62	..	62	Mica.
14.	The Hajee Prospecting Syndicate, Ld., Holalkere, Davangere, Jagalur and Chitaldrug Taluks of Chitaldrug District, Channagiri and Shimoga Taluks of Shimoga District, and Tarikere Taluk of Kadur District	..	..	..	..	..	..	5,536·00	..	..	..	..	..	..	..	..	..	2	5	226	115	14	362	..	362	Manganese.
15.	The Shimoga Manganese Co., Ld., Tarikere Tk., Kadur Dt. ..	..	..	..	..	..	..	3,307·00	..	..	..	..	..	..	..	..	..	..	..	62	98	37	197	..	197	Do.
16.	Mr. J. Burr's Prospecting Block, Mysore Taluk, Mysore Dt. ..	..	..	..	.	..	..	4,727·00	..	..	..	..	..	..	..	..	..	..	..	20	8	2	30	..	30	Chromite.
17.	Mr. W. W. Coen's Prospecting Block, Holalkere Taluk, Chitaldrug District	..	..	..	..	..	..	900·00	..	..	..	..	..	..	..	..	..	.	1	40	20	12	73	..	73	Manganese.
18.	Mr. C. Jambon's Prospecting Block, Shimoga Tk., Shimoga Dt.	..	..	..	..	..	..	241·00	..	..	..	..	..	..	..	..	..	..	1	12	8	2	23	..	23	Do.
19.	Mr. A. Voigt's Prospecting Block, Shimoga and Channagiri Taluks, Shimoga District	..	..	..	..	..	..	10,020·00	..	..	..	..	..	..	..	..	..	..	..	157	198	54	409	..	409	Do.
	Total .	79,574·85	4,678·00	36,746·02	1,129,663·47	910,918·50	18·15	790,234·13	739,357·92	3·99	818,381·65	1,557,739·57	299	102	17,211	17,612	64·14	266	293	10,088	1,987	417	13,051	143·62	30,663	
	Total for 1908 ..	90,268·75	7,482·00	35,560·79	1,069,878·82	917,300·12	15·08	721,843·36	720,808·48	3·97	769,962·82	1,490,771·30	295	82	18,148	18,525	57·82	242	308	10,395	2,729	415	14,089	143·37	32,614	

NAME AND SITUATION OF MINE.	Fuel.								Electric Power.				Timber.			Blasting Gelatine.	
	Indian Coal.		English Coal.		Firewood.				Cauvery Scheme.		Kolar Mines.						
	Tons used.	Cost.	Tons used.	Cost.	Tons used.	Cost.	Total Cost.	Cost per Ton milled.	Total Cost.	Cost per Ton milled.	Total Cost.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton milled.	Quantity.	Cost.
		£ Stg.		£ Stg.		£ Stg.	£ Stg.	Shillings.	£ Stg.	Shillings.	£ Stg.	Shillings.	C. ft.	£ Stg.	Shillings.	lbs.	£ Stg.
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	42,284·48	46,264·81	..	..	733·60	360·25	46,625·06	3·55	33,665·67	2·56	6,436·79	0·49	348,119·20	39,098·80	2·98	207,900	13,426·87
2. The Champion Reef Gold Mine, do. do. ..	25,671·52	27,447·78	498·40	574·70	290·64	138·40	28,160·88	2·91	33,850·25	3·50	4,253·26	0·44	284,545·20	28,745·80	2·97	145,865	9,454·87
3. The Ooregum Gold Mine, do. do. ..	14,888·16	15,921·15	805·28	976·20	698·88	332·69	17,230·04	2·31	18,703·85	2·66	1,744·99	0·25	137,633·00	14,721·81	2·10	131,960	8,549·90
4. The Nundydroog Gold Mine, do. do. ..	11,434·98	11,643·17	..	..	10·08	7·87	11,651·34	2·31	16,210·53	3·21	1,400·01	0·28	129,688·00	12,592·74	2·50	78,821	5,105·81
5. The Tank Block Gold Mine, do. do. ..	69·44	69·75	..	..	299·04	120·16	189·91	..	76·47	..	..	..	673·75	79·10	..	1,000	81·00
6. The Balaghat Gold Mine, do. do. ..	4,687·76	5,049·00	*227·36	60·00	207·20	162·00	5,271·00	2·52	10,462·37	5·00	1,094·22	0·52	42,373·00	3,782·00	1·81	50,830	3,293·00
7. The East Betrayaswami Block Gold Mine, do. ..	112·00	138·00	..	..	696·64	300·00	438·00	..	..	..	..	..	2,600·00	196·00	..	1,200	160·00
8. The Nanjangud Gold Field, Ld., Nanjangud Taluk, Mysore Dt..	..	..	..	..	17·92	5·33	5·33	1·19	..	..	..	..	..	..	..	80	10·66
9. The New Shimoga Gold Fields, Ld., Shimoga Taluk, Shimoga Dt.	..	..	..	..	685·44	91·70	91·70	..	..	..	..	..	215·00	19·57	..	772	70·71
10. The Workington Iron and Steel Co., Ld., Shimoga, Shikarpur and Honnali Taluks, Shimoga District	638·40	884·55	..	..	..	..	884·55	..	..	..	..	..	..	..	..	..	..
1. The Bombay Mining Syndicate, Seringapatam and Mandya Taluks, Mysore District	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	99,786·74	107,418·51	1,531·04	1,610·90	3,689·44	1,518·40	110,547·81	2·99	112,969·14	3·06	14,929·27	0·40	945,847·15	99,285·82	2·68	618,428	40,152·82
Total for 1903 ..	113,321·94	121,027·33	988·96	1,175·33	4,614·63	2,075·83	124,278·49	3·45	102,460·34	2·84	..	..	866,369·22	96,983·75	2·69	677,539	47,103·72

TEMENT OF QUANTITY AND COST OF MATERIALS CONSUMED AND WAGES PAID

AT THE MINES WORKING IN THE STATE OF MYSORE FOR THE YEAR 1909.

Explosives.									Candles.			Mercury.			Cyanide.				Zinc.		
Dynamite and other Explosives.		Detonators.		Fuse.																	
Quantity.	Cost.	Number of boxes. (100 per box.)	Cost.	Number of Coils. (24 feet per coil.)	Cost.	Total Cost.	Cost per Ton excavated.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton treated.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton milled.
lbs.	£ Stg.		£ Stg.		£ Stg.	£ Stg.	Shillings.	Shillings.	lbs.	£ Stg.	Shillings.	lbs.	£ Stg.	Shillings.	lbs.	£ Stg.	Shillings.	Shillings.	lbs.	£ Stg.	Shillings.
26,495	1,241·95	7,617	1,412·32	82,671	2,411·28	18,492·37	1·02	1·41	317,287	5,288·12	0·40	2,310	308·00	0·024	109,760	4,416·53	0·41	0·34	14,151	206·37	0·016
13,700	665·70	4,535	839·54	50,433	1,462·95	12,423·06	0·80	1·28	233,543	3,892·38	0·40	2,668	313·16	0·032	216,559	8,761·16	0·63	0·91	21,033	284·18	0·029
..	..	3,966	734·12	44,827	1,303·23	10,587·25	1·16	1·51	86,710	1,445·00	0·21	1,202	150·51	0·021	75,712	2,722·33	0·40	0·39	10,864	135·99	0·019
..	..	3,263	602·95	36,733	1,055·40	6,764·16	1·02	1·34	130,467	2,174·44	0·43	1,296	141·69	0·028	63,941	2,581·26	0·55	0·51	6,129	82·52	0·017
..	..	100	33·33	600	30·00	144·38	..	..	824	16·18	..	..	..	..	29,128	1,164·88	0·69	..	3,493‡	‡ 52·35	..
..	..	1,606	297·00	⊕18,651	541·00	4,131·00	1·14	1·98	70,738	1,183·00	0·57	207	25·25	0·012	42,784	1,744·00	0·57	0·83	6,643	96·00	0·046
..	..	60	20·00	500	25·00	205·00	0·11	..	1,460	25·00	..	..	..	..	..	..	..	..	..	..	..
..	..	1	0·33	21	1·40	12·39	2·77	2·77	20	0·25	0·06	4	0·53	0·118	..	..	..	..	..	..	..
..	..	41	10·93	392	21·25	102 89	1·44	..	715	14·80	..	..	..	..	..	..	..	..	..	..	..
175	19·15	5	1·75	114	5·80	26·70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
200	2·00	..	..	10	0·25	2·25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
40,570	1,928·80	21,194	3,952·27	234,942	6,857·51	52,891·40	0·94	1·43	841,764	14,039·17	0·38	7,687	939·14	0·025	537,884	21,390·16	0·52	0·58	62,313	857·41	0·023
44,065	2,927·91	22,574	4,406·25	245,356	7,510·17	61,948·05	1·16	1·72	839,889	14,020·56	0·39	7,373	855·08	0·025	530,406	20,827·07	0·54	0·58	62,264	919·90	0·026

Average Wages per month.

Class.	Europeans. £ Stg.	Natives. £ Stg.
Underground Agents ..	28·77	..
Engineers ..	30·75	..
Reduction Officers ..	27·24	..
Millmen ..	14·88	..
Carpenters ..	21·00	1·96
Smiths ..	22·00	1·89
Engine Drivers ..	12·28	1·52
Miners ..	8·00	1·48
Blasters ..	..	1·84
Timbermen ..	14·69	1·88
Cyanide Chemists ..	29·98	..
Assistant Cyanide Chemists ..	24·68	..
Pitmen	19·00	..
Boiler Smiths ..	23·22	1·68
Underground Coolies ..	..	0·91
Surface Coolies ..	..	0·61
Trammers ..	..	0·93
Firemen ..	..	0·93
Mestries ..	..	2·15
Landers ..	..	1·00
Average for above classes ..	21·27	1·44
Average for above classes in 1908 ..	22·60	1·51

Table 5.

Steel.								Pig Iron.			Shoes and Dies.			Wages.			
For drills and jumpers.		Bars, plates and rolled sections, &c.		Castings made locally and imported.													
Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Total Cost.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton milled.	Quantity.	Cost.	Cost per Ton milled.	Total Amount.	Per Ton milled.	Total of these costs per Ton milled.	REMARKS.
Tons.	£ Stg.	Tons.	£ Stg.	Tons.	£ Stg.	£ Stg.	Shillings.	Tons.	£ Stg.	Shillings.	Tons.	£ Stg.	Shillings.	£ Stg.	Shillings.	Shillings.	
91·56	1,907·50	145·32	1,816·50	245·50	6,800·03	10,524·03	0·80	16·80	64·00	0·005	121·63	2,726·25	0·21	185,052·50	14·09	26·87	
54·66	1,319·73	*245·84	2,148·28	94·98	1,512·97	4,980·98	0·51	..	..	..	62·38	1,317·48	0·14	147,612·05	15·26	§ 28·38	§Calculated from the total expenditure of the Company's financial year ending 30th Sept., 1909. *Including 136·08 tons of railings.
28·56	606·81	161·84	1,250·55	..	..	1,857·36	0·26	12·32	45·89	0·007	56·00	1,182·15	0·17	79,885·42	11·38	21·29	
30·02	725·99	43·12	397·55	16·80	517·65	1,641·19	0·33	..	..	..	33·04	687·70	0·14	72,682·00	14·41	25 51	
1·22	48·58	..	..	..	..	48·58	..	..	..	..	..	..	..	4,334·96	..	..	‡ Excluding 29,970 lbs. of Caustic soda worth £203-5-8.
14·00	357·00	22·40	192·00	..	..	549·00	0·26	5·04	25·00	0·012	10·53	209·50	0·10	40,110·26	19·18	32·84	✱Consists of Coke and Cinders.
1·40	30·00	..	..	..	..	30·00	..	..	..	..	..	..	..	1,500·00	..	..	⊕Includes 76 Coils of Gutta Percha.
..	..	..	..	..	..	..	..	..	..	..	..	..	.	163·86	36·58	40·71	
0·28	15·23	..	..	..	..	15·23	..	..	..	..	..	..	..	619·77	..	..	
..	..	6·16	59·90	..	..	59·90	..	..	..	..	..	..	..	11,297·75	..	..	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
221·10	5,010·84	624·68	5,864·78	357·28	8,830·65	19,706·27	0·53	34·16	134·89	0·004	283·58	6,123·08	0·17	543,258·57	14·70	26·97	
215·86	4,941·60	417·07	4,180·30	328·72	2,015·83	11,137·73	0·06	89·89	515·71	0·014	324·52	8,931·29	0·25	551,240·99	14·63	26·67	

TABLE OF GOLD PRODUCTION AND WORKING COSTS

AT THE GOLD MINES WORKING IN THE STATE OF MYSORE DURING THE YEAR 19

NAME AND SITUATION OF MINE.	GOLD PRODUCTION.															WORKING C
	From Mills.					By Cyanide Process.						From other Sources.		Total Production.				M
	Assay value of Ore treated. Shillings per Ton.	Fine Gold. Ounces.	Value. £ Stg.	Value. Shillings per Ton.	Percentage Recovered.	Assay value of Tailings. Shillings per Ton.	Fine Gold. Ounces.	Value. £ Stg.	Value. Shillings per Ton.	Percentage Recovered.	Fine Gold. Ounces.	£ Stg.	Fine Gold. Ounces.	Value. £ Stg.	Value. Shillings per Ton milled.	£ Stg.
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	73·36	189,230·461	804,229·46	61·24	83·48	13·59	21,961·514	93,336·43	8·75	64·39	..	..	211,191·975	897,565·89	68·35	273,631·20
2. The Champion Reef Gold Mine, do. do. ..	45·96	78,661·914	334,313·13	34·55	75·17	11·38	23,337·859	99,185·90	7·09	62·30	..	..	101,999·773	433,499·03	44·81	203,707·48
3. The Ooregum Gold Mine, do. do. ..	52·96	71,397·026	303,437·36	43·23	81·63	11·22	10,909·614	46,365·86	6·82	60·78	..	..	82,306·640	349,803·22	49·83	130,107·94
4. The Nundydroog Gold Mine, do. do. ..	70·67	70,935·331	301,475·16	59·75	84·55	11·70	6,733·055	28,615·48	6·07	51·88	..	..	77,668·386	330,090·64	65·42	98,127·39
5. The Tank Block Gold Mine, do. do. ..	..	..	..	..	..	7·53	1,985·191	8,437·06	5·00	66·40	..	..	1,985·191	8,437·06	..	..
6. The Balaghat Gold Mine, do. do. ..	41·75	16,639·780	70,719·07	33·81	80·98	6·49	2,474·744	10,517·66	3·44	53·00	..	..	19,114·524	81,236·73	38·84	57,751·07
7. The Road Block Gold Mine of India, Ld., Bowringpet Tk. Kolar Dt..	..	69·600	295·80	..	..	..	..	..	..	..	..	..	† 69·600	295·80	..	..
8. The East Betrayaswami Block, do. do. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4,000·00
9. The Nanjangud Gold Field, Ld., Nanjangud Taluk, Mysore Dt. ..	22·76	32·100	136·43	30·45	..	..	..	..	..	..	..	..	32·100	136·43	30·45	163·86
10. The New Shimoga Gold Fields, Ld., Shimoga Taluk, Shimoga Dt. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4,652·60
Total ..	60·15	426,966·212	1,814,606·41	49·09	81·61	11·44	67,401·977	286,458·39	7·00	61·19	..	..	494,368·189	2,101,064·80	56 83	772,141·54
Total for 1908 ..	60·26	417,740·694	1,775,397·95	49·26	81·75	11·47	66,565·155	282,901·92	7·35	64·08	..	..	484,305·849	2,058,299·87	57·12	734,781·76

Table 6

OSTS (INCLUDING TRANSPORT AND MAINTENANCE).						Total Expenditure (including administration).	
NING		MILLING.		CYANIDING.			
Shillings per Ton excavated.	Shillings per Ton milled.	£ Stg.	Shillings per Ton milled.	£ Stg.	Shillings per Ton treated.	Shillings per Ton milled.	REMARKS.
15·08	20·84	35,065·90	2·67	12,350·36	1·16	29·76	
13·08	21·06	27,999·21	2·89	25,700·93	1·84	* 30·96	* Calculated from the total expenditure of the Company during its financial year, from 1st October 1908 to 30th September 1909.
14·42	18·54	17,879·95	2·55	10,425·75	1·53	26·28	
14·87	19·45	12,653·11	2·51	5,945·04	1·26	29·61	
..	..	..	..	2,398·82	1·42	..	
15·90	27·61	4,898·62	2·34	3,921·06	1·28	36·57	
..	..	..	..	..	..	..	† Obtained from old mill plates.
..	..	..	..	..	..	..	
..	..	..	..	..	..	..	
..	..	..	..	..	..	..	
13·67	20·89	98,496·79	2·66	60,741·96	1·48	29·77	
13·74	20·39	94,117·23	2·61	57,902·60	1·50	29·63	

NUMBER AND CLASSIFICATION OF FATAL AND SERIOUS ACCIDENTS

AT MINES WORKING IN THE STATE OF MYSORE DURING THE YEAR 1909.

Table 7.

NAME AND SITUATION OF MINE.	Falls in Mines.				In and at Shafts.									Miscellaneous Below Ground.								Total Miscellaneous Below Ground.	On Surface.					Total due to			
	Falls of Hanging Wall.	Falls of Sides or Roof.	Falls of Ore from working places.	Total Falls.	Over-winding	Ropes and Chains breaking.	Whilst ascending or descending by Machinery.	Falling into Shaft from Surface.	Falling from part way down.	Things falling from Surface.	Things falling from part way down.	Miscellaneous.	Total in and at Shafts.	Suffocation by Gases.	Explosion due to Misfire.	By Explosives (other than Misfires).	Falls of Persons or Things in Rises, Winzes and Stopes.	On Inclined and Engine Planes.	By Trams or Tubs, but not on Inclined and Engine Planes	By Machinery.	By other causes.		By Machinery.	Boilers and Steam Pipes bursting, etc.	On Railways, Tramways or Aerial Ropeways belonging to Mine.	Miscellaneous.	Total on Surface.	Negligence.	Recklessness.	Unavoidable.	Grand Total.
Number of Class of Accident ..	i	ii	iii		iv	v	vi	vii	viii	ix	x	xi		xii	xiii	xiv	xv	xvi	xvii	xviii	xix		xx	xxi	xxii	xxiii					
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	2	..	..	2	1	1	3	..	1	..	2	11	19	..	5	1	9	..	1	3	23	42	3	..	7	8	18	8	15	58	81
2. The Champion Reef Gold Mine, do. do. ..	1	2	2	5	..	..	1	..	9	..	9	23	42	..	7	2	7	..	12	..	74	102	4	..	20	11	35	9	16	159	184
3. The Ooregum Gold Mine, do. do. ..	2	..	..	2	1	..	1	..	5	..	3	14	24	..	1	2	8	..	4	..	27	42	1	..	5	2	8	8	11	57	76
4. The Nundydroog Gold Mine, do. do. ..	..	..	1	1	..	..	3	..	3	..	4	7	17	1	2	..	11	..	2	1	13	30	2	..	5	..	7	7	9	39	55
5. The Tank Block Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0	0	0	0
6. The Balaghat Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	2	..	..	1	3	..	1	..	1	..	1	1	7	11	..	..	2	..	2	0	3	13	16
7. The East Betrayaswamy Block Gold Mine, do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..		..	..	..	..	..	..	0	..	..	..	..	0	0	0	0	0
8. The New Shimoga Gold Fields, Ld., Shimoga Taluk, Shimoga Dt. ..	..	..	..	0	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	1	..	..	..	..	0	0	1	1	2
9. The Shimoga Manganese Co., Ld., (Siddarhalli Block) do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	1	1	0	1	0	1
10. The Hajee Prospecting Syndicate Ld., Hulikatte, Jagalur Taluk, Chitaldrug District ..	..	..	.	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	1	1	1	0	0	1
TOTAL ..	5	2	3	10	2	1	8	0	21	0	18	56	106	1	17	5	36	0	20	5	144	228	10	0	39	23	72	33	56	327	416
Number due to Negligence ..	1	0	0	1	1	1	1	0	0	0	7	4	14	0	10	0	5	0	1	0	0	16	0	0	0	2	2				
Number due to Recklessness ..	0	0	0	0	1	0	5	0	8	0	0	8	22	1	6	5	1	0	3	1	1	18	5	0	10	1	16				
Number due to Unavoidable ..	4	2	3	9	0	0	2	0	13	0	11	44	70	0	11	0	30	0	16	4	143	194	5	0	29	20	54				

NUMBER OF PERSONS KILLED IN ACCIDENTS

AT MINES WORKING IN THE STATE OF MYSORE DURING THE YEAR 1909.

Table 9.

NAME AND SITUATION OF MINE.	Falls in Mines.				In and at Shafts.									Miscellaneous Below Ground.									On Surface.					
	Falls of Hanging Wall.	Falls of Sides or Roof.	Falls of Ore from working places.	Total Falls.	Over-winding.	Ropes and Chains breaking.	Whilst ascending or descending by Machinery.	Falling into Shaft from Surface.	Falling from part way down.	Things falling from Surface.	Things falling from part way down.	Miscellaneous.	Total in and at Shafts.	Suffocation by Gases.	Explosion due to Misfire.	By Explosives (other than Misfires).	Falls of Persons or things in Rises, Winzes and Stopes.	On Inclined and Engine Planes.	By Trams or Tubs, but not on Inclined & Engine Planes.	By Machinery.	By other causes.	Total Miscellaneous Below Ground.	By Machinery.	Boilers and Steam Pipes bursting, etc.	On Railways, Tramways, or Aerial Ropeways belonging to Mine.	Miscellaneous.	Total on Surface.	Grand Total.
Number of Class of Accident..	i	ii	iii		iv	v	vi	vii	viii	ix	x	xi		xii	xiii	xiv	xv	xvi	xvii	xviii	xix		xx	xxi	xxii	xxiii		
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	2	..	..	2	1	6	1	..	1	..	..	4	13	..	4	1	..	..	..	1	2	8	1	..	..	..	1	24
2. The Champion Reef Gold Mine, do. do. ..	1	1	..	2	..	..	..	..	3	..	3	5	11	..	1	2	..	..	..	..	18	21	..	..	1	..	1	35
3. The Ooregum Gold Mine, do. do. ..	2	..	..	2	4	..	1	..	3	..	1	6	15	..	3	1	1	..	..	..	2	7	..	..	..	..	0	24
4. The Nundydroog Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	3	..	1	..	4	5	2	..	2	..	1	..	3	13	..	..	2	..	2	19
5. The Tank Block Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
6. The Balaghat Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	1	..	..	..	1	..	..	..	..	..	1	..	1	2	..	..	..	..	0	3
7. The East Betrayaswami Block Gold Mine do. do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
8. The New Shimoga Gold Fields, Ld., Shimoga Tk., Shimoga District. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
9. The Shimoga Manganese Co., Ld. (Siddarhalli Block) ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	8	8	8
10. The Hajee Prospecting Syndicate, Ld., Hulikatte, Jagalur Tk., Chitaldroog District ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	1	1	1
Total ..	5	1	..	6	5	6	2	..	11	..	5	15	44	5	10	4	3	..	2	1	26	51	1	..		9	18	114

NUMBER OF PERSONS SERIOUSLY INJURED IN ACCIDENTS

AT MINES WORKING IN THE STATE OF MYSORE DURING THE YEAR 1909.

Table 10.

NAME AND SITUATION OF MINE.	Falls in Mines.				In and at Shafts.									Miscellaneous Below Ground.								On Surface.					
	Falls of Hanging Wall.	Falls of Sides or Roof.	Falls of Ore from working places.	Total Falls.	Over-winding.	Ropes and Chains breaking.	Whilst ascending or descending by Machinery.	Falling into Shaft from Surface.	Falling from part way down.	Things falling from Surface.	Things falling from part way down.	Miscellaneous.	Total in and at Shafts.	Suffocation by Gases.	Explosion due to Misfire.	By Explosives (other than Misfires).	Falls of Persons or things in Rises, Winzes and Stopes.	On Inclined and Engine Planes.	By Trams or Tubs, but not on Inclined and Engine Planes.	By Machinery.	By other causes.	Total Miscellaneous Below Ground.	By Machinery.	Boilers and Steam Pipes bursting, etc.	On Railways, Tramways or Aerial Ropeways belonging to Mine.	Miscellaneous.	Total on Surface.	Gross Total.
Number of Class of Accident ..	i	ii	iii		iv	v	vi	vii	viii	ix	x	xi		xii	xiii	xiv	xv	xvi	xvii	xviii	xix		xx	xxi	xxii	xxiii		
1. The Mysore Gold Mine, Bowringpet Taluk, Kolar District ..	2	..	..	2	..	1	2	..	..	..	2	8	13	..	5	..	9	..	1	2	25	42	2	..	7	8	17	74
2. The Champion Reef Gold Mine, do. do. ..	..	1	2	3	..	..	1	..	7	..	9	24	41	..	8	..	7	..	12	..	72	99	4	..	19	11	34	177
3. The Ooregum Gold Mine, do. do. ..	..	..	..	0	7	..	..	..	2	..	2	11	22	..	..	1	7	..	4	..	26	38	1	..	5	2	8	68
4. The Nundydroog Gold Mine, do. do. ..	..	..	1	1	..	..	3	..	..	..	3	7	13	..	1	..	9	..	1	1	15	27	2	..	3	..	5	46
5. The Tank Block Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
6. The Balaghat Gold Mine, do. do. ..	..	..	..	0	..	..	..	..	1	..	..	1	2	..	2	..	1	..	..	1	6	10	..	..	2	..	2	14
7. The East Betrayaswami Block Gold Mine, Bowringpet Tk., Kolar Dt.	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
8. The New Shimoga Gold Fields, Ld., Shimoga Tk., Shimoga Dt. ..	..	..	..	0	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	..	1	..	..	..	..	0	2
9. The Shimoga Manganese Co., Ld., (Siddarhalli Block), do. ..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
10. The Hajee Prospecting Syndicate, Ld., Hulikatte, Jagalur Taluk, Chitaldrug District	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	..	..	..	..	0	..	..	..	..	0	0
Total ..	2	1	3	6	7	1	6	0	11	0	16	51	92	0	17	1	33	0	18	4	144	217	9	0	36	21	66	381

COMPARATIVE TABLE SHOWING THE MORTALITY AND OT

AT GOLD MINES WORKING IN THE STATE OF MYSORE AND IN THE T

ITEMS.	MYSORE.																
Year ..	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1895	1896
1. Number of separate accidents (fatal and serious) per 1,000 persons employed.	7·29	5·68	4·53	5·79	8·88	9·55	8·42	8·37	7·75	8·31	8·31	13·07	12·39	14·39	14·34	..	..
2. Death rate per 1,000 persons above ground	0·69	0·53	0·53	0·51	0·66	0·70	1·29	0·57	1·13	0·25	0·59	0·66	0·39	0·28	0·36	..	..
3. Death rate per 1,000 persons below ground	7·01	3·15	7·55	4·09	2·66	4·17	4·29	3·30	3·29	2·39	3·47	3·17	2·69	4·70	5·73	..	..
4. Death rate per 1,000 persons employed (above and below ground) ..	4·05	1·97	4·88	2·45	1·80	2·61	2·29	2·21	2·52	1·53	2·51	2·30	1·92	3·08	3·64	4·64	4·95
5. Number of persons employed for each 100,000 tons of quartz crushed ..	5,124	5,648	5,486	5,713	5,546	5,467	4,970	4,684	3,988	4,036	3,882	4,091	4,190	4,059	3,905	1,579	1,705
6. Number of persons killed for each 100,000 tons of quartz crushed ..	20·76	10·79	26·78	14·02	9·99	14·00	14·87	10·34	10·06	6·16	9·73	9·41	8·04	12·49	14·20	7·33	8·44
7. Number of persons employed for each £100,000 worth of gold obtained ..	1,268	1,362	1,336	1,371	1,257	1,308	1,303	1,337	1,195	1,299	1,288	1,403	1,499	1,422	1,374	720	853
8. Number of persons killed for each £100,000 worth of gold obtained ..	5·14	2·60	6·52	6·36	2·26	3·35	3·90	2·95	3·01	1·94	3·23	3·23	2·88	4·37	5·00	3·34	4·22
9. Average value (in shillings) of quartz (gold obtained per ton crushed) ..	80·83	82·93	82·12	83·35	88·25	83·54	76·27	70·24	66·73	63·56	60·55	58·33	55·97	57·12	56·83	43·85	39·96

HER ITEMS

RANSVAAL.

Table II.

TRANSVAAL.							Remarks.
1897	1898	1902	1905-06	1906-07	1907-08	1908-09	
..	..	10·22	10·14	8·73	8·66	9·57	
..	..	..	1·45	1·40	1·34	1·48	
..	..	..	7·97	6·48	5·60	7·23	
4·31	4·65	3·83	5·83	4·98	4·40	5·53	
1,343	1,160	1,085	1,180	1,040	983	882	
5·79	5·40	4·15	6·90	5·18	4·32	4·88	
675	572	512	680	604	602	589	
2·91	2·65	1·94	3·97	3·01	2·65	3·26	
39·97	40·63	42·96	34·68	34·43	32·67	29·94	

LIST OF MINING PROPERTIES LEASED, ASSIGNED OR ABANDONED

IN THE STATE OF MYSORE FROM JULY 1909 TO JUNE 1910.

Table 12.

A.—Leased.

NAME OF PROPERTY.	SITUATION.		Name of Lessee.	Date of Grant.	Registered No. of Lease.	REMARKS.
	Taluk.	District.				
ast Betrayaswami	Bowringpet ..	Kolar ..	Messrs. Paul Knight and Robert Knight.	4th September, 1909.	118	In lieu of Lease No. 50.

B.—Assigned.

NAME OF PROPERTY.	SITUATION.		Registered No. of Lease.	Name of Assignor.	Name of Assignee.	Date of Assignment.	REMARKS.
	Taluk ..	District ..					
ıd Block (except 40 acres already in the possession of the Balaghat Co.)..	Bowringpet ..	Kolar ..	60	The Road Block Gold Mines of India, Ld.	The Balaghat Gold Mining Co., Ld.	20th July, 1909.	

C.—Abandoned.

NAME OF PROPERTY.	SITUATION.		Registered No. of Lease.	Name of Lessee.	Date of Abandonment.	REMARKS.
	Taluk ..	District ..				
..	..	..	..	*Nil.*	..	..